

FIG. 1B

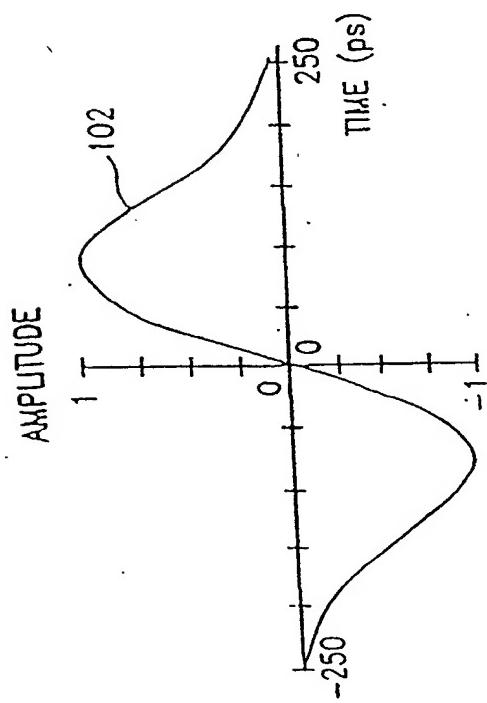


FIG. 1A

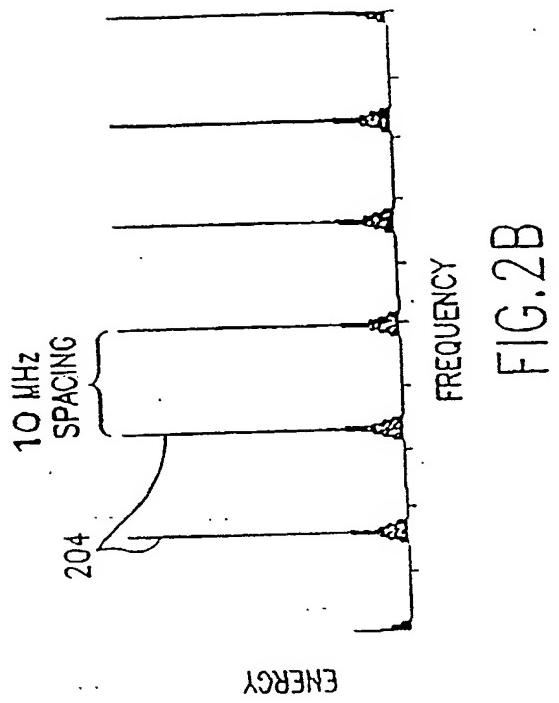


FIG.2B

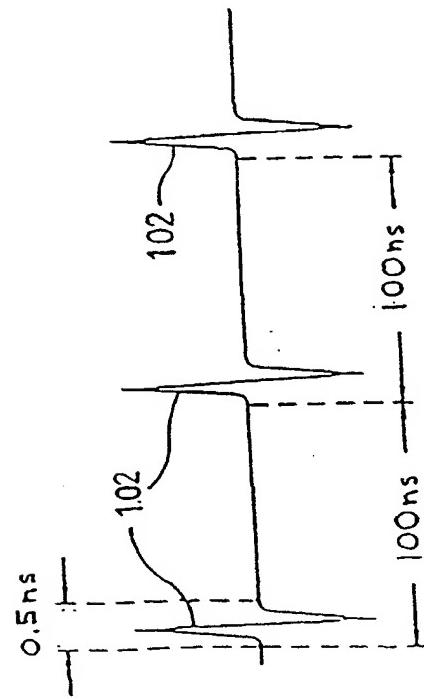


FIG.2A

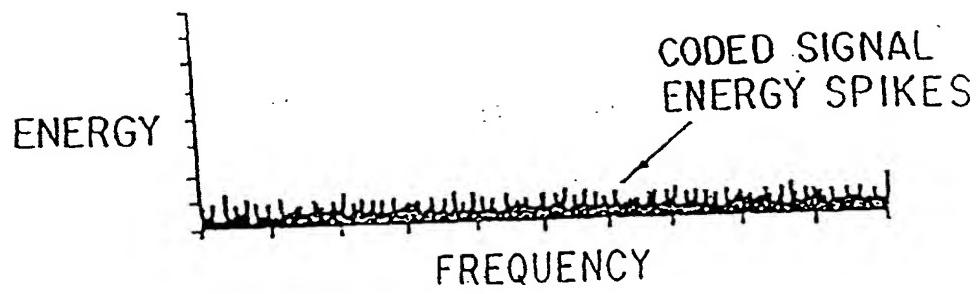


FIG. 3

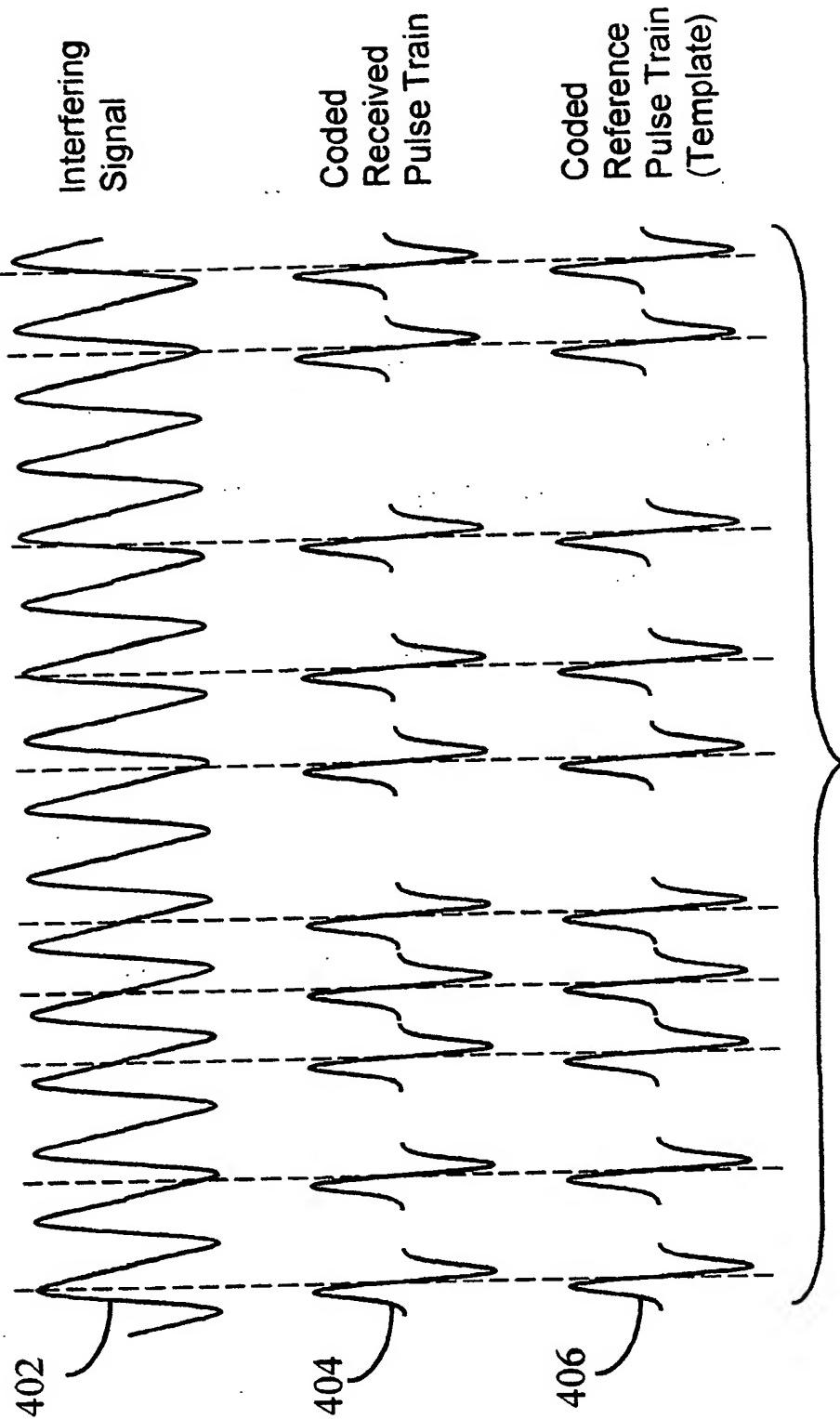


FIG. 4

FIG.5B

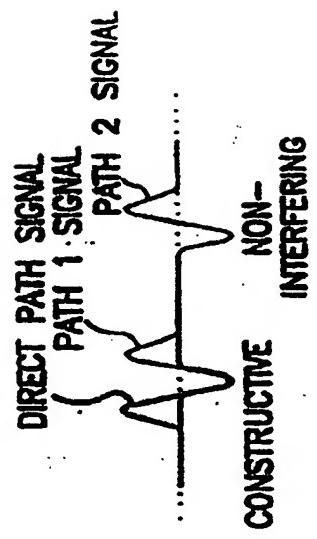
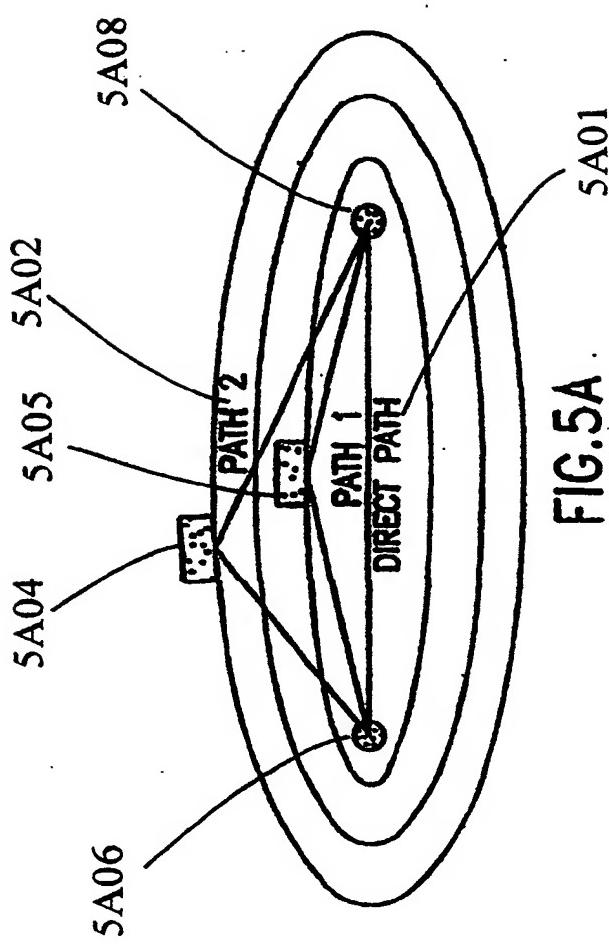
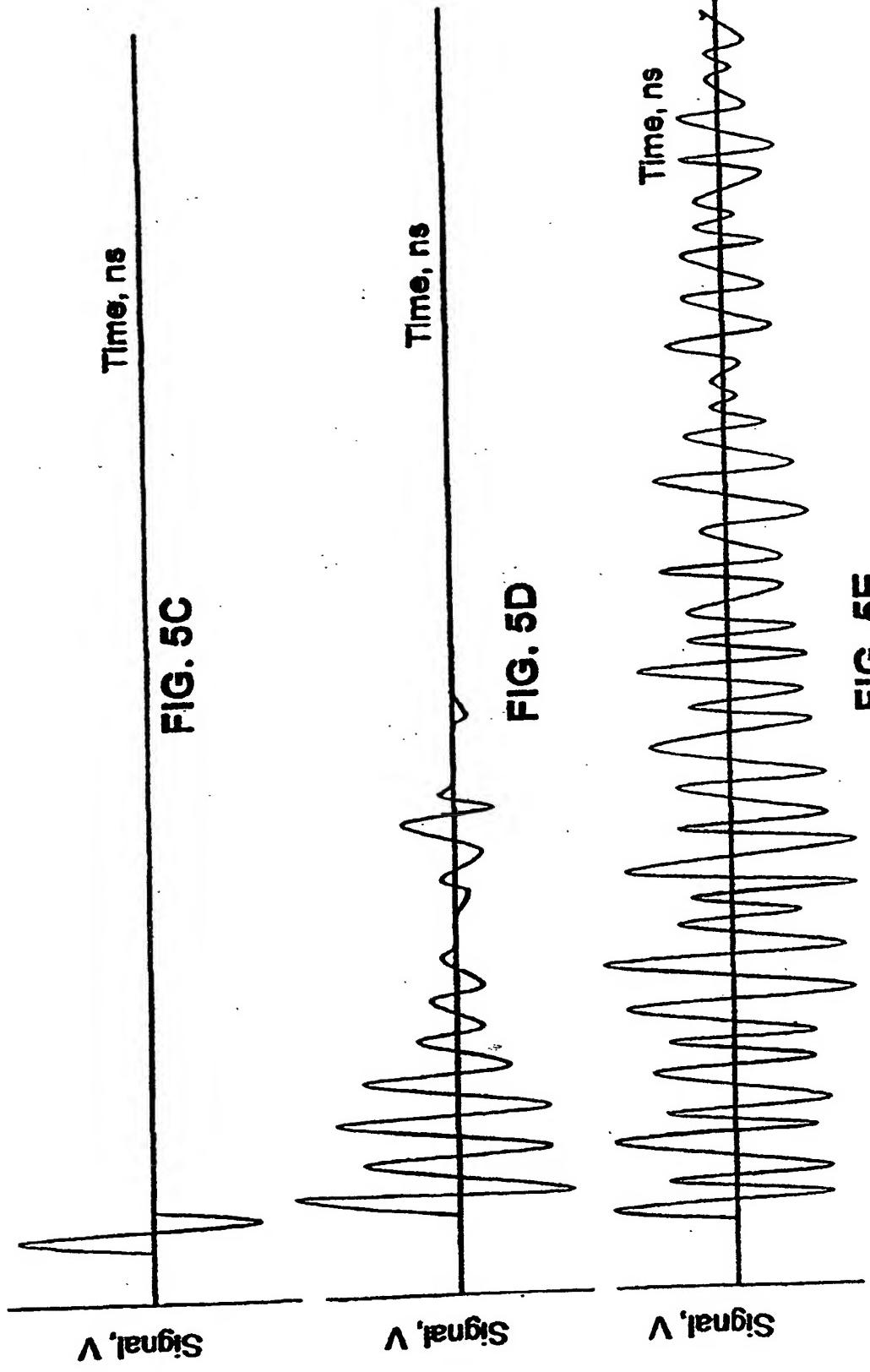


FIG.5A





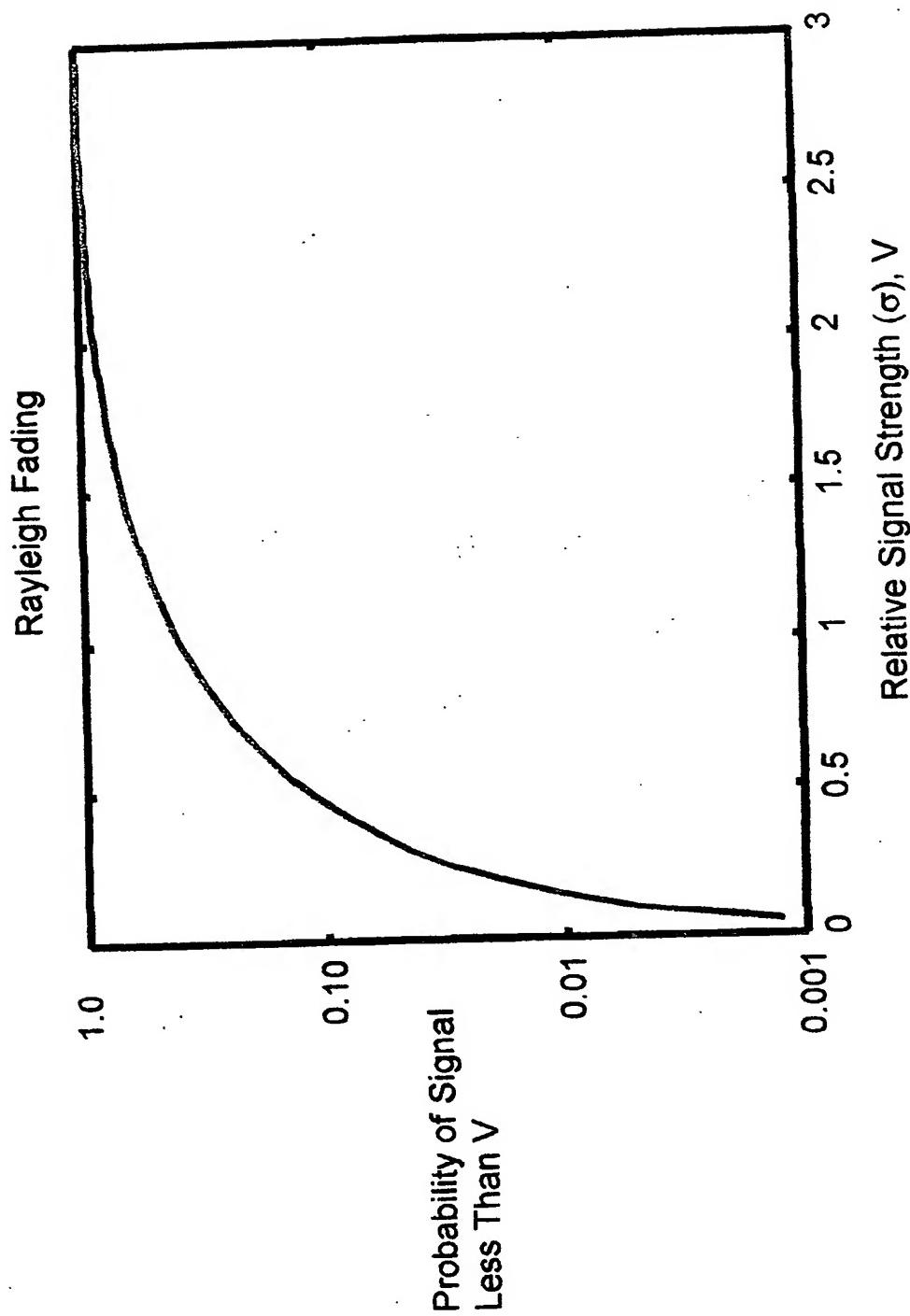


Fig. 5F

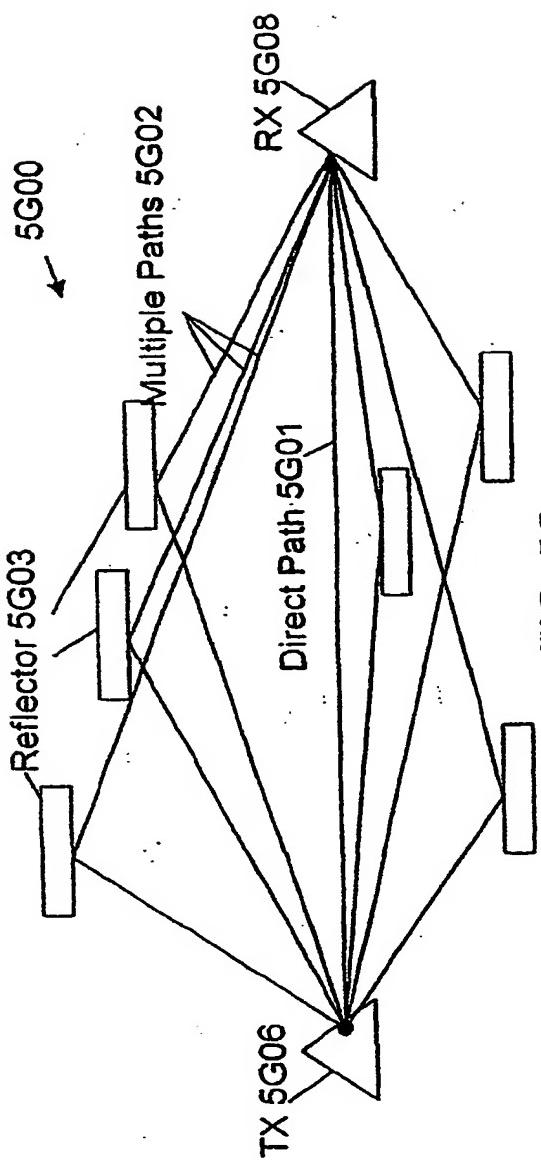


FIG. 5G

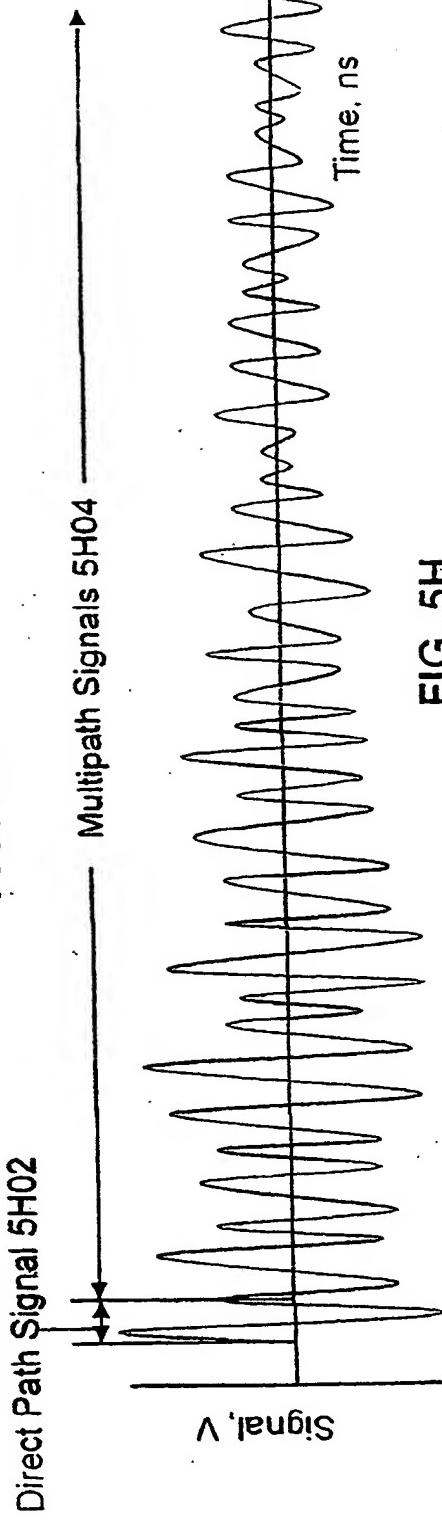


FIG. 5H

Impulse Radio Receiver

FIG. 7

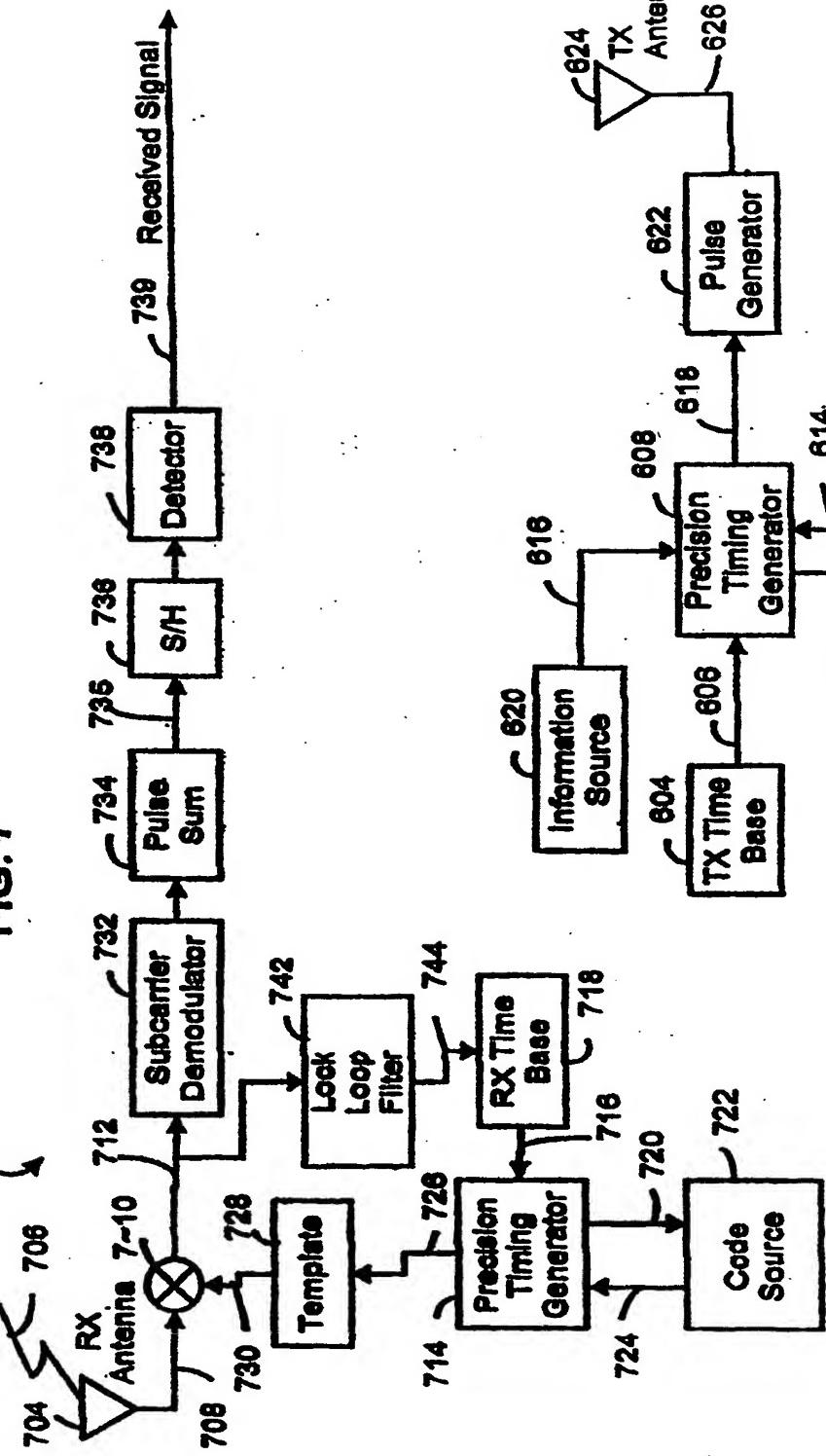
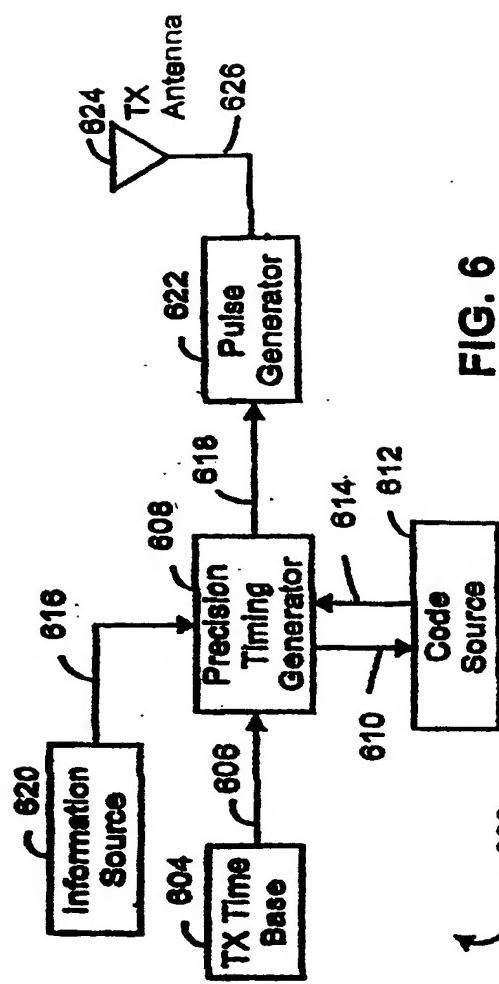


FIG. 6

Impulse Radio Transmitter

1 802



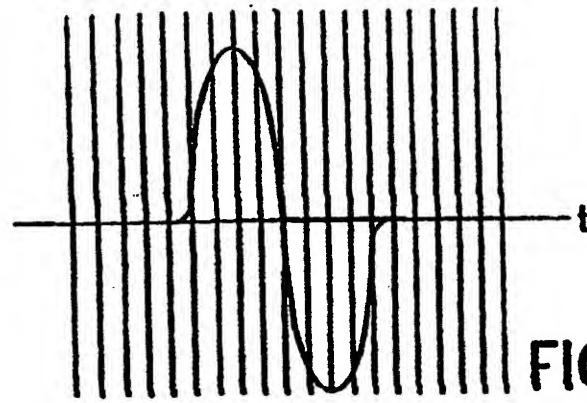


FIG. 8A

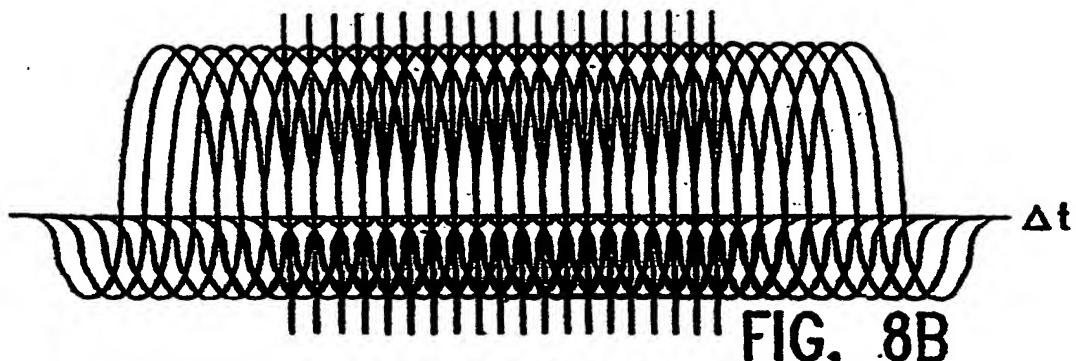


FIG. 8B

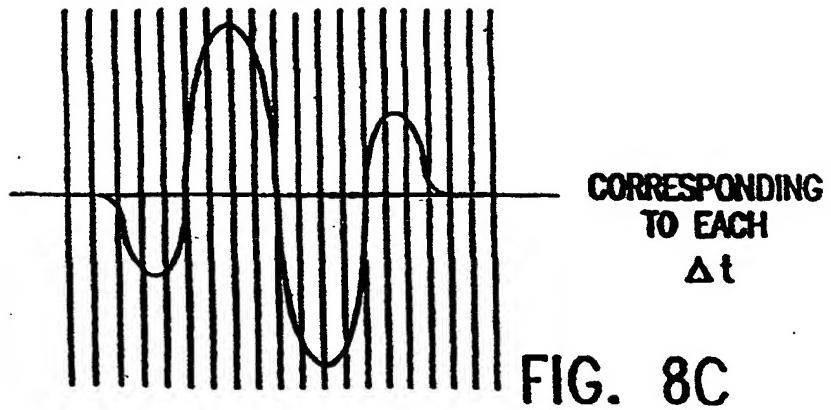


FIG. 8C

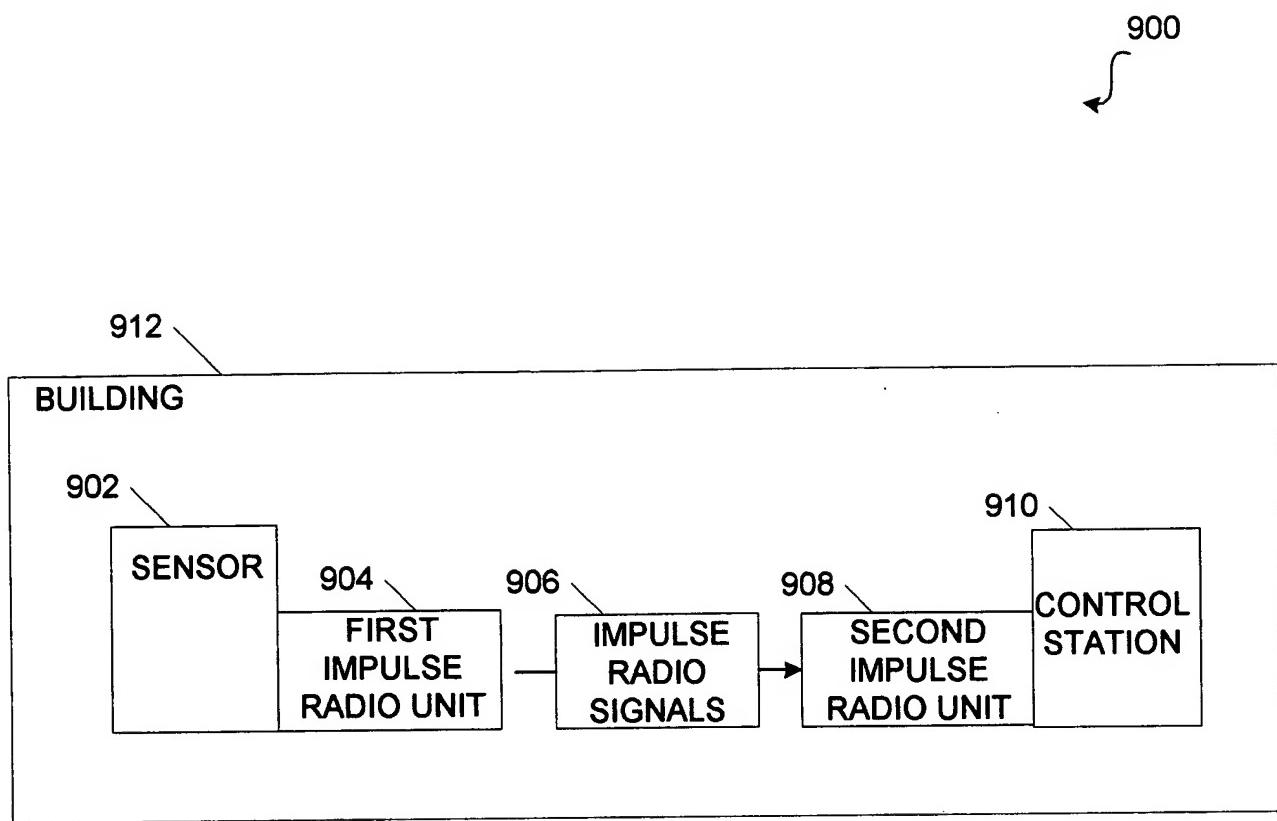


FIG 9

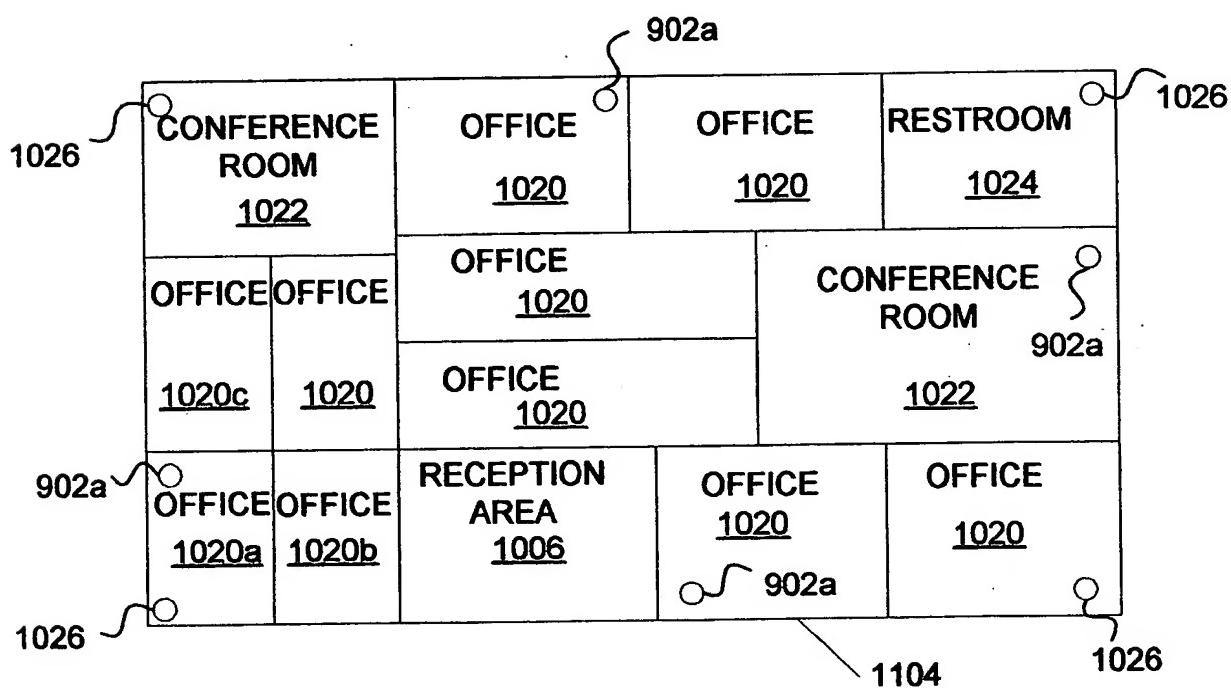
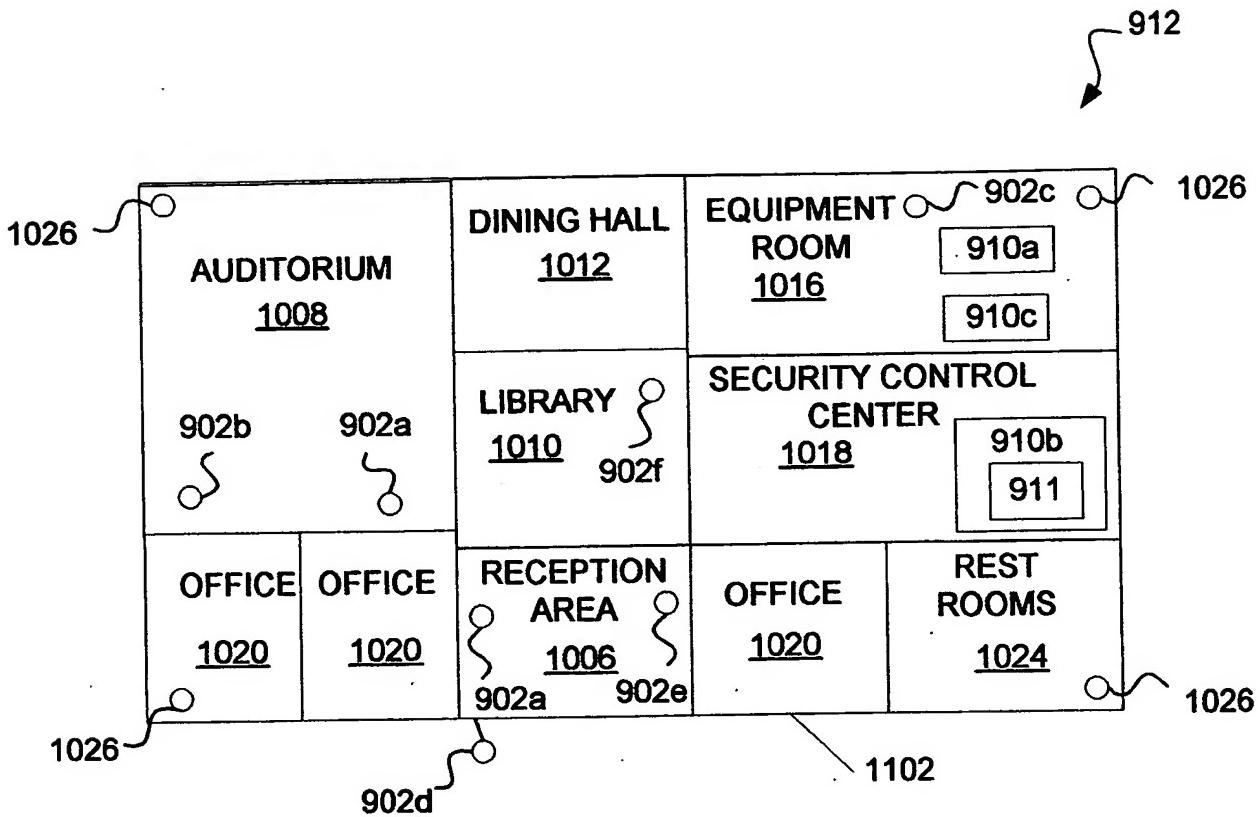


FIG. 10

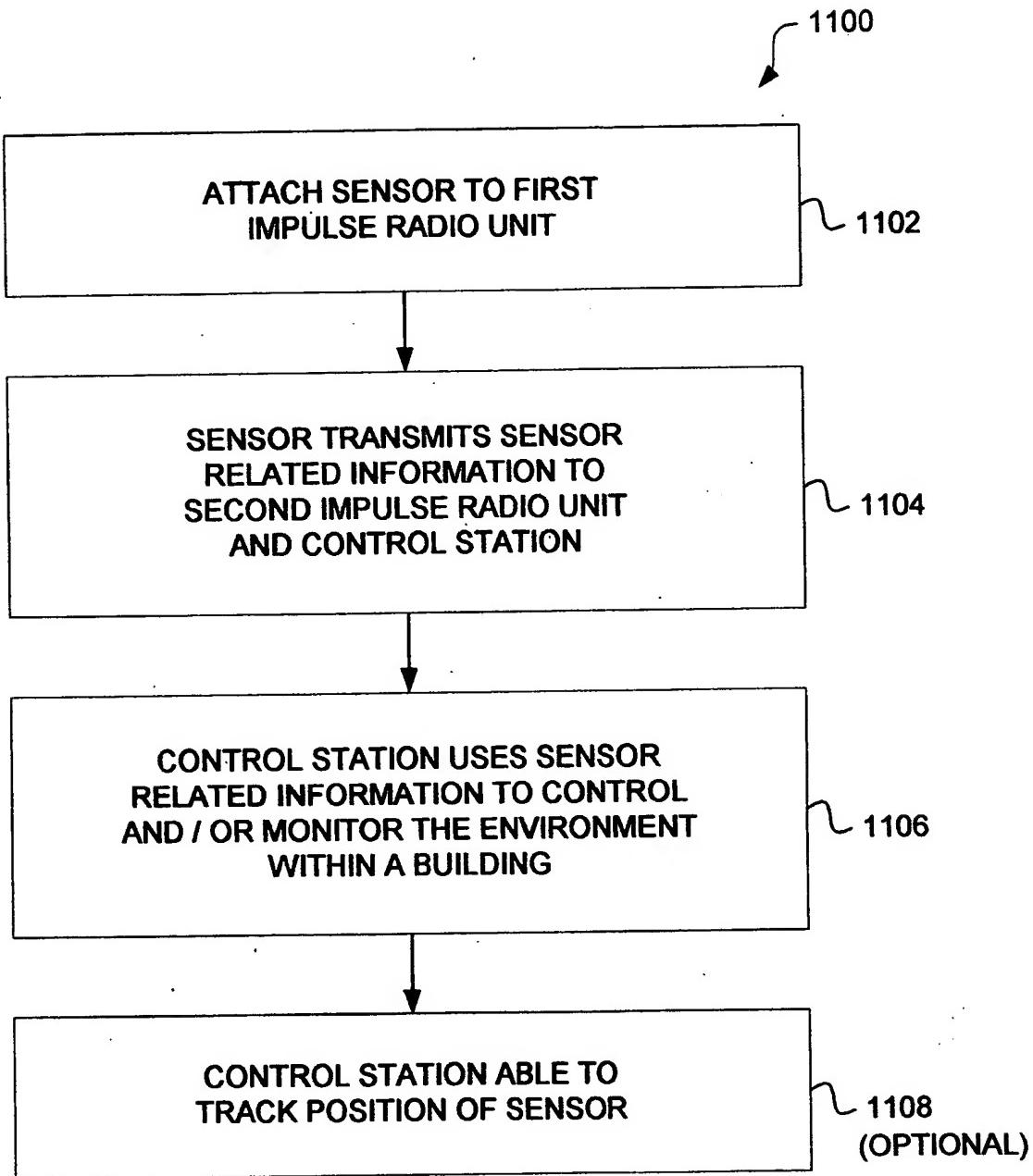


FIG. 11

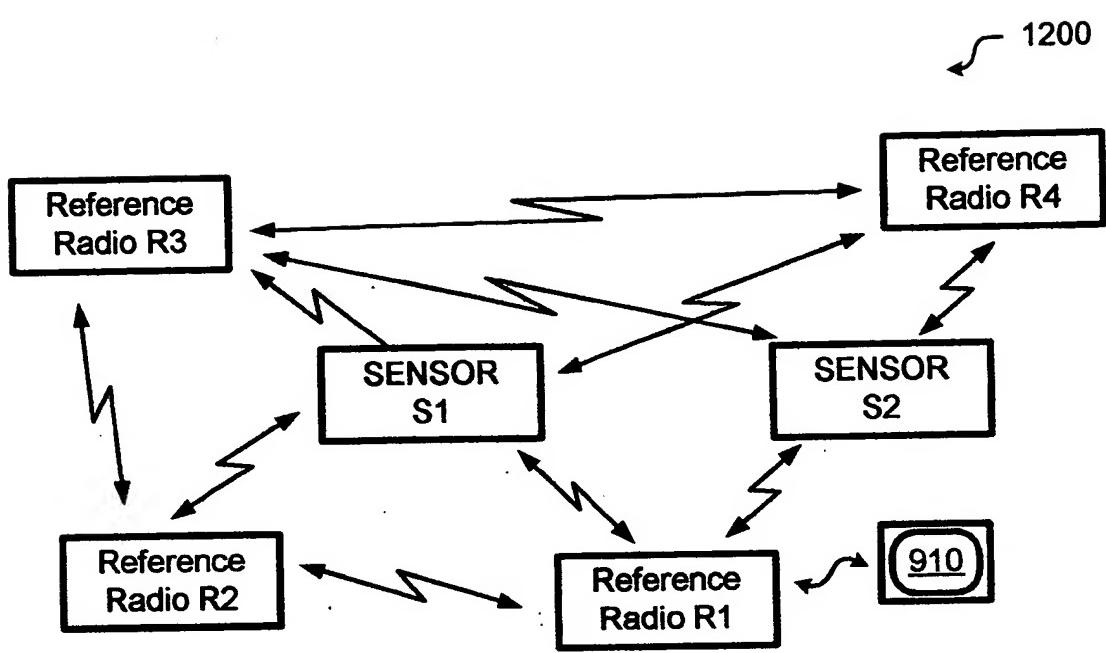


FIG. 12

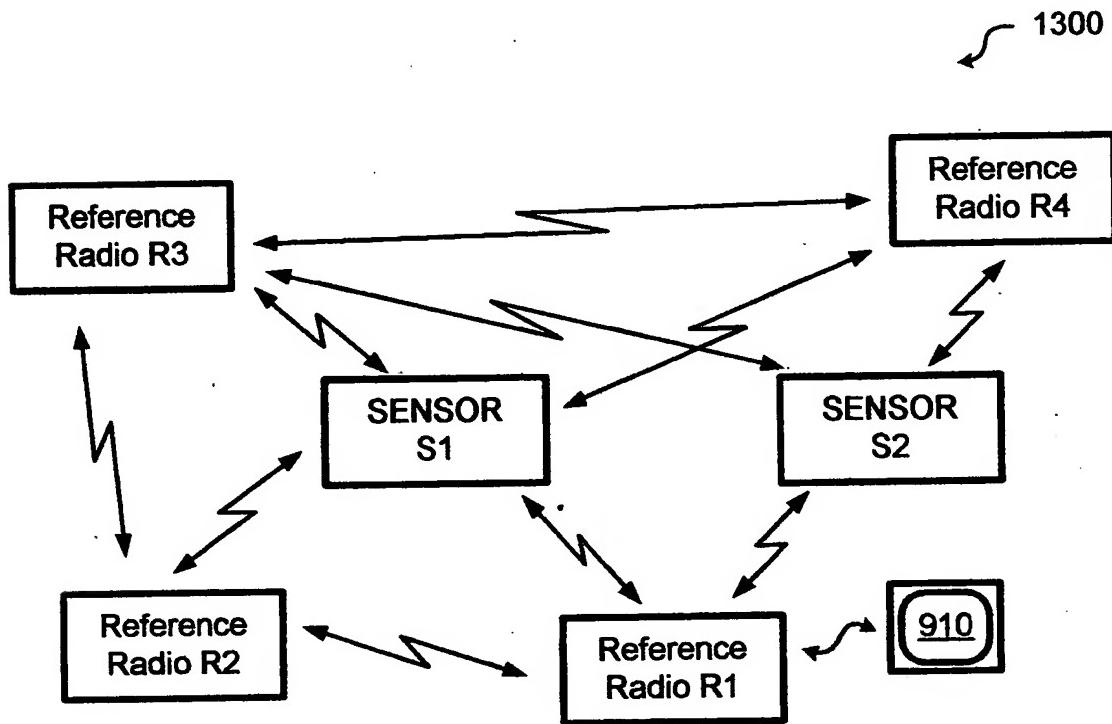


FIG. 13

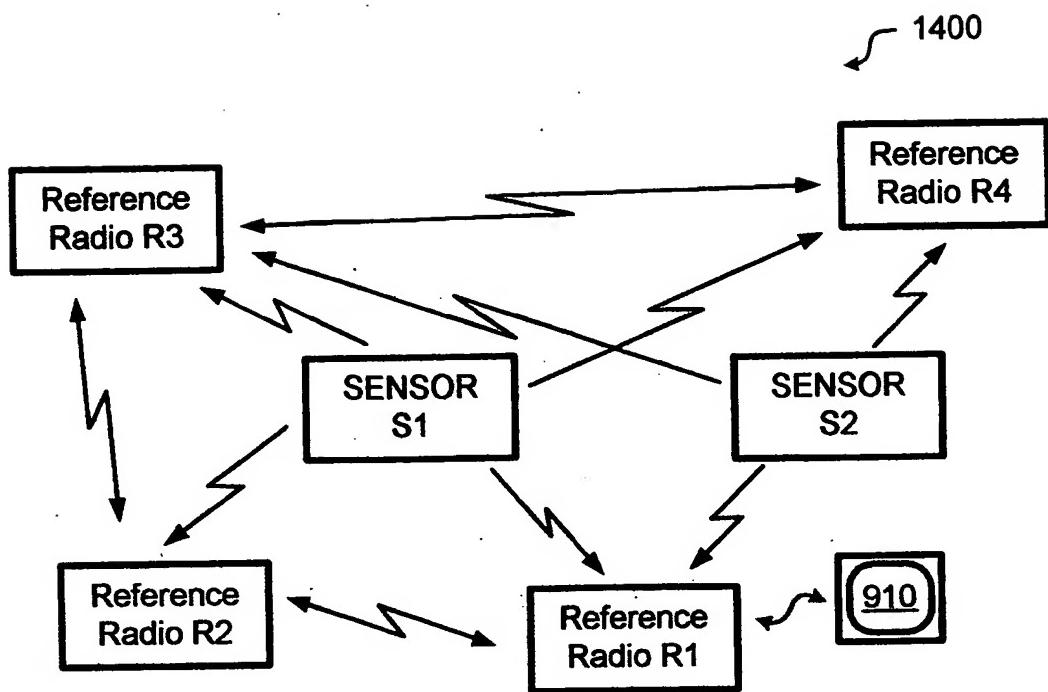


FIG. 14

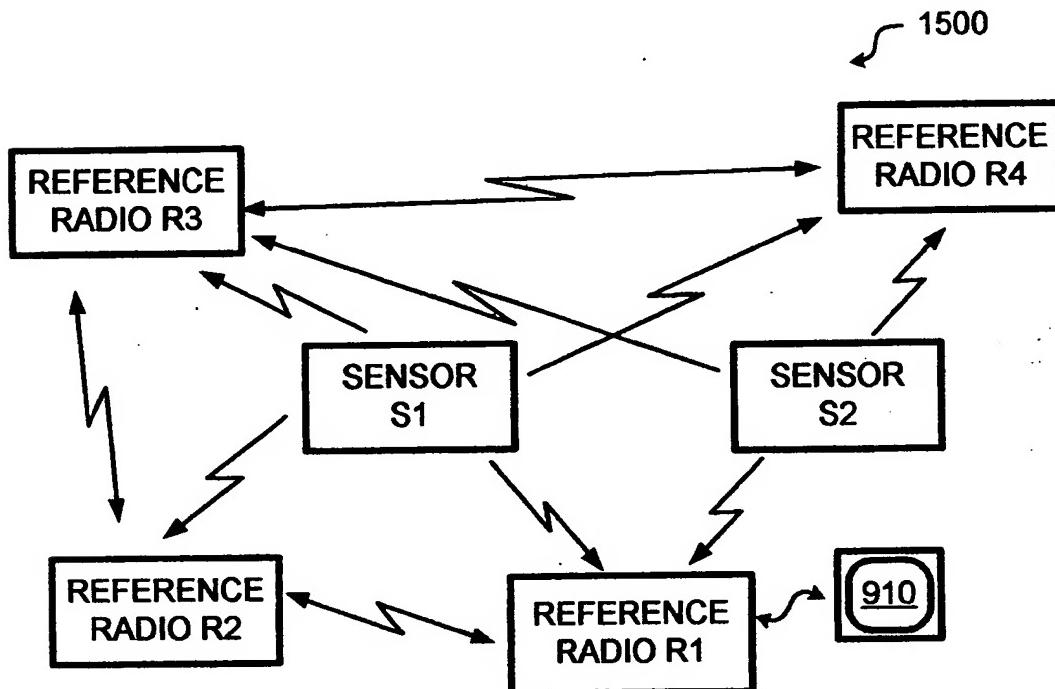


FIG. 15

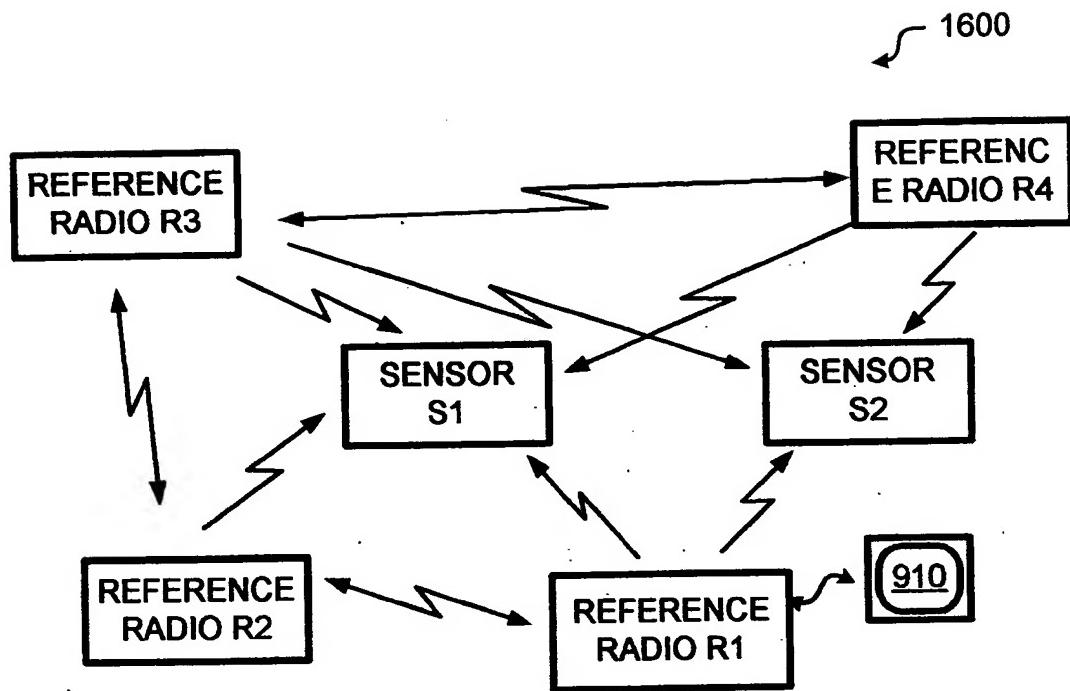


FIG. 16

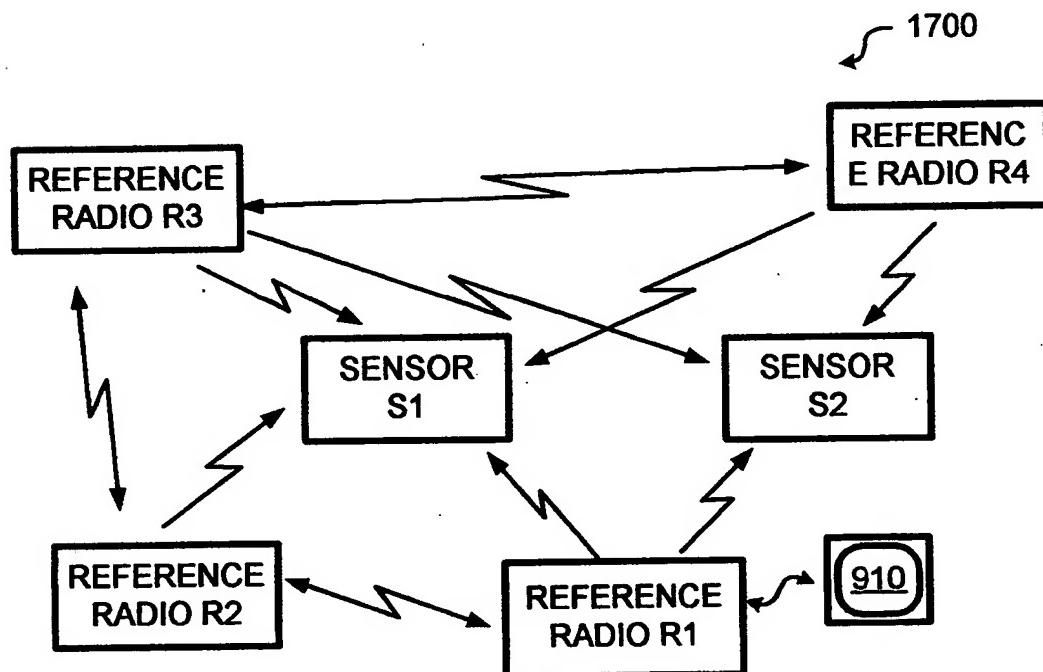


FIG. 17

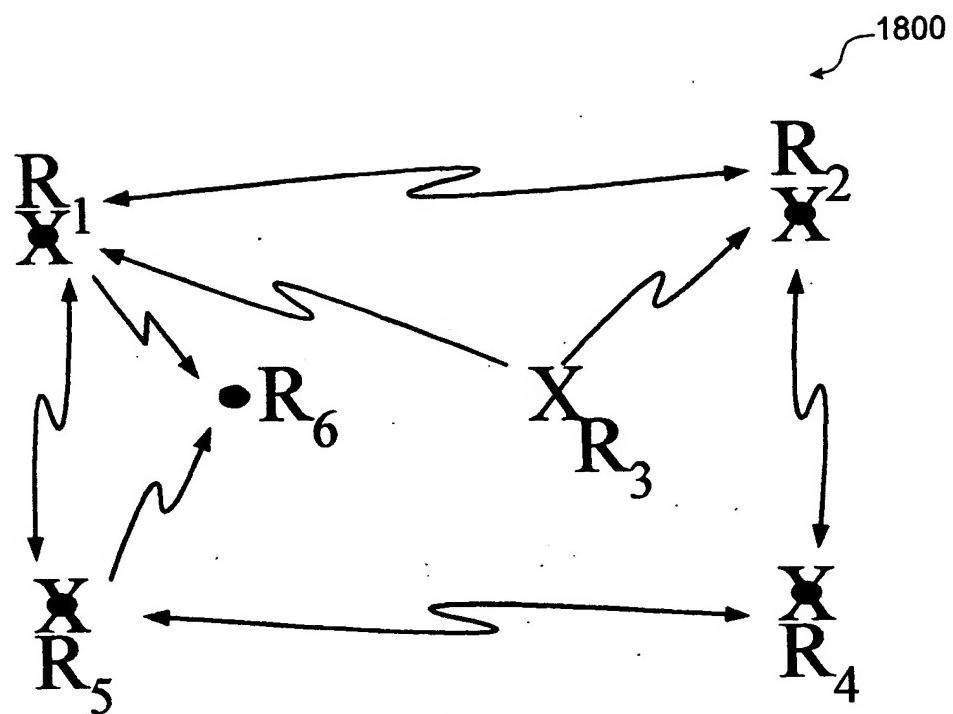


Fig. 18

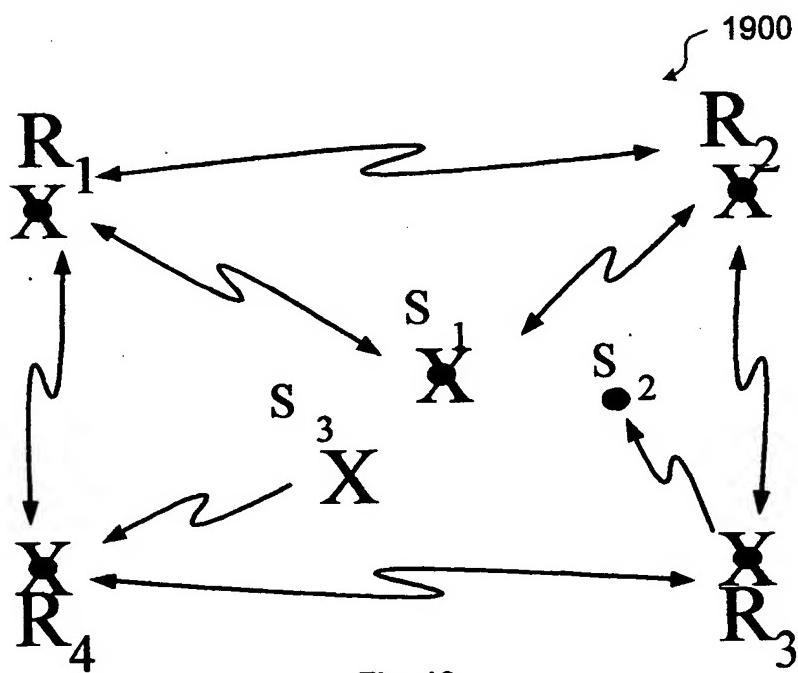


Fig. 19

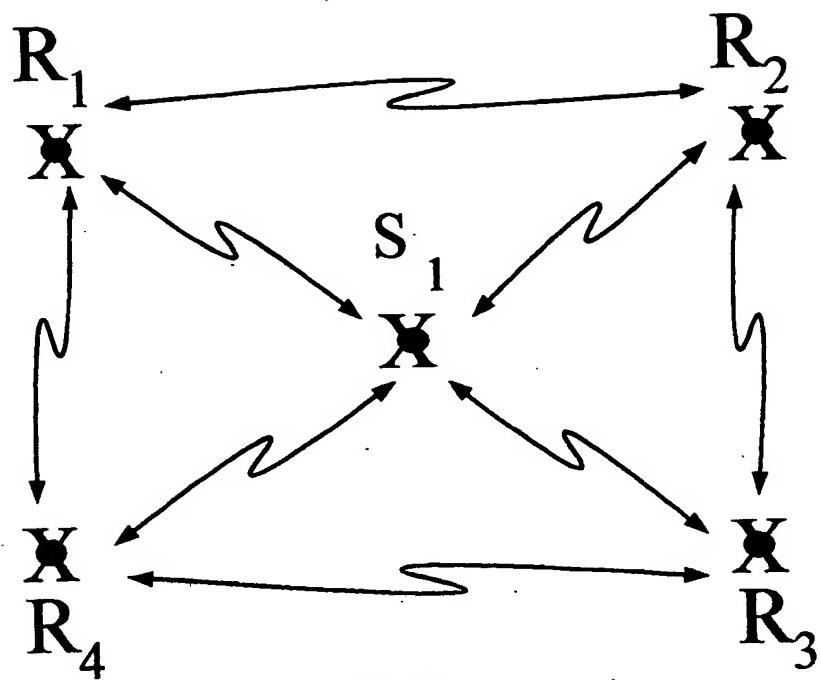


Fig. 20

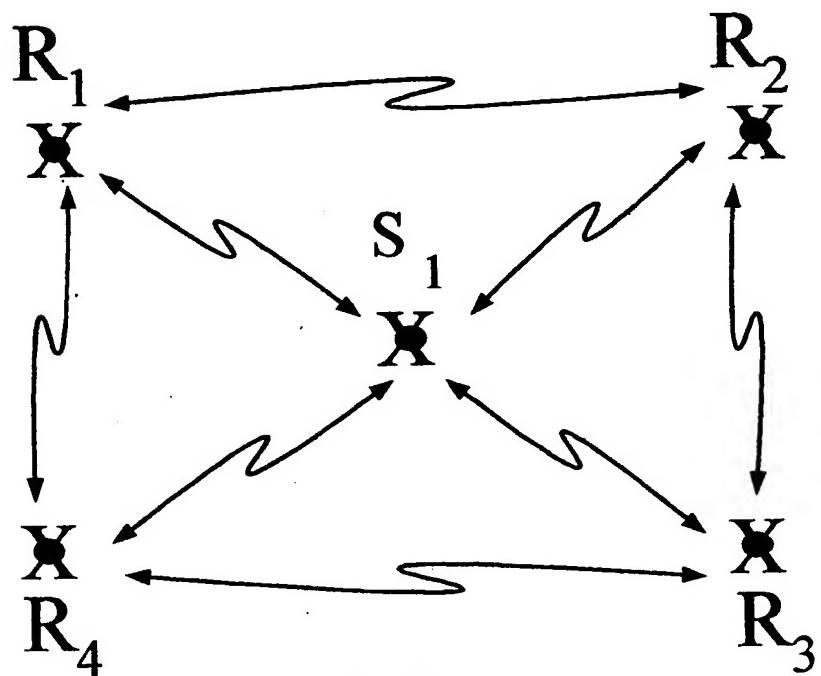


Fig. 21

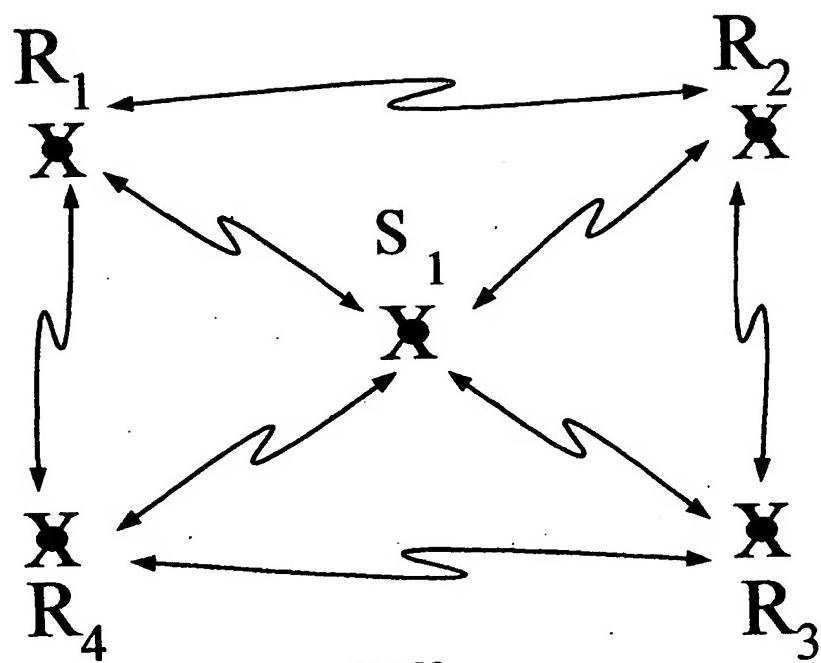


Fig. 22

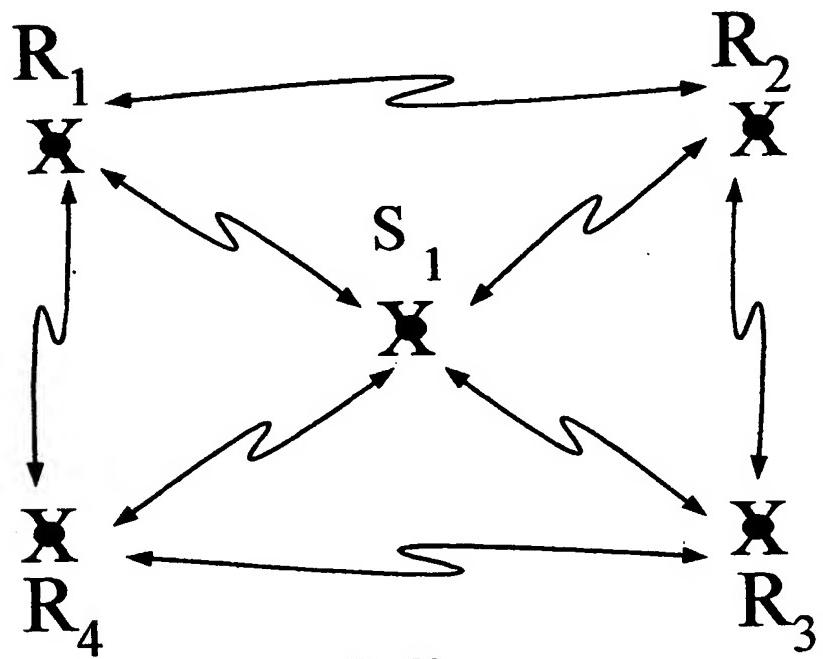


Fig. 23